Index of Claims



Application No.

10/689,087

Examiner Ren L Yan Applicant(s)

GELBART, DANIEL
Art Unit

2854

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal Α

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Objected

| Claim Date |          |              |   |              |              |          | 7:::         | Cla      | aim          | T .     | Date     |          |          |  |                    |          | ۱            | Γ         | CI       | aim      | Date  |     |       |            |          |           |           |         |  |          |          |          |
|------------|----------|--------------|---|--------------|--------------|----------|--------------|----------|--------------|---------|----------|----------|----------|--|--------------------|----------|--------------|-----------|----------|----------|-------|-----|-------|------------|----------|-----------|-----------|---------|--|----------|----------|----------|
| Final      | Original | 5<br>3<br>04 |   |              |              |          |              |          |              |         |          | Final    | Original |  |                    |          |              |           |          |          |       |     | Final | Original   |          |           |           |         |  |          |          |          |
|            | 1        | ·+           | _ |              | _            | H        | +            | ╁        | $^{+}$       | +       | 1        | _        | 51       | $\vdash$   | $\dashv$           | ╅        | +            | $\Box$    | 十        | +        | -     | ŀ   |       | 101        | $\top$   | +         | $\dagger$ | +       | <del>                                     </del> | H        | $\dashv$ | $\neg$   |
|            | 2        | +            |   |              |              |          |              | 1        | T            |         | 1:::     |          | 52       |  |                    |          |              | П         |          | $\neg$   |       | Τ   |       | 102        | 1        | $\top$    | $\top$    | 1       | Π  |          | ヿ        |          |
|            | 3        | ÷            |   |              |              |          |              |          |              |         |          |          | 53       |  |                    |          |              |           |          |          |       | Е   |       | 103        |          | 1         |           |         |  |          |          |          |
|            | 4        | +            |   |              |              |          |              |          | Ι            |         |          |          | 54       |  |                    |          |              |           |          |          |       |     |       | 104        |          |           |           |         |  |          |          |          |
|            | 5        |              | _ |              |              |          |              |          |              |         |          |          | 55       |  |                    |          |              |           |          |          |       | L   |       | 105        |          |           |           |         |  |          |          |          |
|            | 6        |              |   |              |              | L        | <u> </u>     |          | $\perp$      | $\perp$ | _        |          | 56       | Ш  |                    |          |              |           |          | $\perp$  |       | L   |       | 106        |          | ┸         | 丄         | ┶       |  | Ш        | _        | _        |
| L          | 7        |              |   |              | L            | 上        | 1_           | 上        | ┸            | $\bot$  |          | <u> </u> | 57       |  | _                  | _        |              | $\sqcup$  | _ _      | _        | _     | L   |       | 107        |          | 1         | $\perp$   |         | <u> </u>   | Ш        | _        |          |
| <u> </u>   | 8        | _            |   |              | <u>_</u>     | <u> </u> | 1            | ╄        | 1            | ╀       | 4        |          | 58       | Ш  | $\perp$            | 4        | $\bot$       | $\perp$   |          | _        | 488   | L   |       | 108        | _        | _         | +         | _       | _  | Ш        | _        |          |
| <u> </u>   | 9        |              |   |              | _            | ┡        | 1            | ↓_       | 4            | ╀       | 4:::     |          | 59       | Ш  | _                  | $\perp$  | $\bot$       | $\perp$   |          |          | 40    | L   |       | 109        | _        | _         | $\perp$   | 1       | 1  |          |          |          |
| <u> </u>   | 10       | _            |   |              | _            | ┞        | 1            | ╀        | 4            | 4-      | 4        |          | 60       |  | _                  | - -      |              | +         |          |          | -     | L   |       | 110        | -        | +         | +         | +       | ⊢  | Н        | -        | 4        |
| <u> </u>   | 11       | L            |   |              | L            | $\vdash$ | $\vdash$     | +        | +            | +       | -        |          | 61       | $\vdash \vdash$                                  | +                  | +        | +            | $\dashv$  |          |          | - ::: | -   |       | 111        | +        | +         | +         | +       | $\vdash$   | $\vdash$ | $\dashv$ |          |
| <u> </u>   | 12       | $\vdash$     |   | _            | <u> </u>     | -        | ╀            | +-       | +            | +-      | -        |          | 62<br>63 | $\vdash \vdash$                                  | +                  | +        | +            | $\vdash$  |          | +        | -     | +   |       | 112<br>113 | +        | +         | +         | +       | ⊢  | $\vdash$ | $\dashv$ | $\dashv$ |
|            |          | $\vdash$     |   |              |              | ⊢        | ╁            | ╁        | +            | +       | -        |          | 64       | Н  | $\dashv$           | +        | +            | +         |          | +        | - ::: | ┝   |       | 114        | -        | +-        | ╁         | ╁       | ├  | $\vdash$ |          | $\dashv$ |
| -          | 14<br>15 |              |   |              | <del> </del> | $\vdash$ | ╂            | ╁        | +            | +       | -        | <u> </u> | 65       | $\vdash$   | +                  | +        | +-           | ++        | +        | +        | - ::: | -   |       | 115        | +        | +         | +         | +       | ╁  | $\vdash$ | -        | -        |
| -          | 16       |              |   |              | -            | ╁        | +-           | +        | +            | +       | 1        | <u> </u> | 66       | <del>                                     </del> | -+                 | ╁        | +            | ╁╌┤       | $\dashv$ |          | -     | -   |       | 116        | -        | +         | +         | +-      | +  | $\vdash$ | -        | $\dashv$ |
| $\vdash$   | 17       | $\vdash$     |   |              | ┢            | $\vdash$ | +            | ╁╌       | +            | +       | -        |          | 67       | $\vdash$   | -                  | +-       | +            | $\Box$    | -        | _        | -     | H   |       | 117        | $\dashv$ |           | +-        | +       | ╁╌   | Н        |          | $\dashv$ |
| $\vdash$   | 18       | $\vdash$     |   |              | -            | ╫        | +-           | ╁        | ┿            | +       | -        |          | 68       | $\vdash$   | $\dashv$           | $\dashv$ | +            | +         |          |          | -     | -   |       | 118        | -        | +         | +         | +       | ╁  | Н        | $\dashv$ | $\dashv$ |
| _          | 19       | -            |   |              | _            | $\vdash$ | +-           | +        | $^{+}$       | +       |          |          | 69       |  | $\neg$             |          | +            | 1-1       |          | $\dashv$ |       | H   |       | 119        | $\dashv$ | $\top$    | $\top$    | +-      | +-   | Н        | $\neg$   | _        |
|            | 20       | _            | _ | _            |              | $\vdash$ | +            | T        | $^{\dagger}$ | 1       |          |          | 70       | П  |                    | +        | +            | 1-1       | T I      |          | 1:::  | -   |       | 120        |          | 十         | 1         | $\top$  | $\vdash$   |          |          | П        |
|            | 21       |              |   |              |              |          | T            | 1        | T            | $\top$  | <b> </b> |          | 71       |  | _                  | _        | $\top$       | $\Box$    |          | 1        |       | -   |       | 121        |          | ┪         | 1         | $\top$  | $\vdash$   | П        | $\neg$   |          |
|            | 22       | $\vdash$     |   |              |              | Т        | $\top$       | T        | T            | ┪       | 7        |          | 72       |  | $\neg$             |          | 1            | Ħ         |          | $\top$   |       |     |       | 122        | $\neg$   | _         | 1         |         |  | П        |          |          |
|            | 23       |              |   |              |              |          | 1            |          | Ť            |         | 1        |          | 73       |  |                    | $\top$   | $\top$       | $\Box$    |          | Т        |       | Γ   |       | 123        |          | Т         | T         |         |  | П        |          |          |
|            | 24       |              |   |              |              |          |              |          | Τ            |         | ]        |          | 74       |  |                    |          |              |           |          |          |       |     |       | 124        |          |           |           |         |  |          |          |          |
|            | 25       |              |   |              |              | L        |              |          |              |         | ]        |          | 75       |  |                    |          |              |           |          |          |       | L   |       | 125        |          | 丄         | ┸         | $\perp$ | L  | Ш        | _        |          |
|            | 26       | L            |   |              |              |          |              |          | $\perp$      | $\perp$ | _ :::    |          | 76       | Ш  | $\perp$            | $\perp$  | $\perp$      | Ш         |          | $\perp$  | _ ::  | L   |       | 126        |          |           | 1         |         | _  |          | _        |          |
|            | 27       | <u> </u>     |   |              |              |          | ┸            | ┸        | $\perp$      | $\perp$ | _        |          | 77       | Ш  | $\perp$            | $\perp$  | 4            | 1         |          | _        | _     | L   |       | 127        | $\perp$  |           | $\perp$   | 1       | <u> </u>   | Ш        |          | _        |
|            | 28       | _            |   | _            |              | <u> </u> | ╀-           | <u> </u> | _            | _       | 4        |          | 78       |  | $\dashv$           | _        | 4            | -         | _        |          | _     | L   |       | 128        |          | _         | +         | 1       | ļ  |          |          |          |
|            | 29       | _            |   | L.           | _            | ╙        | $\perp$      | ╀        | $\perp$      | $\bot$  | 4        |          | 79       |  | -                  | 4        | 4_           | +         | _        |          | 4     | L   |       | 129        |          | _         | +         | ╀       | ↓  | Щ        | _        | _        |
|            | 30       | <u> </u>     | _ | _            |              | ▙        | +            | 4        | +            | 4       | -        | <b></b>  | 80       | $\vdash$   | $\dashv$           | +        | +            | +         | $\dashv$ | +        | -     | ŀ   |       | 130        | +        | +         | +         | +       |  | Н        | $\dashv$ | _        |
|            | 31       | _            |   | _            | _            | ╄        | ╁            | ╀        | +            | +       | -        |          | 81       | -  |                    |          |              | +         | -        | -        | -     | -   |       | 131        | $\dashv$ | +-        | +-        | ╀       | <del> </del>                                     |          |          | _        |
|            | 32       | _            | _ | _            | ┝            | ├-       | +-           | +-       | +            | +       | -        |          | 82       |  | +                  | +        | +            | +         | $\dashv$ | +        | - ::  | ⊦   |       | 132<br>133 |          | +         | +-        | +       | ╂  | Н        | $\dashv$ | _        |
| -          | 33<br>34 | $\vdash$     |   | -            | $\vdash$     | ╁        | +-           | +-       | +            | +       | -        |          | 83<br>84 | -  | +                  | +        | +            | +         | $\dashv$ | +-       | -     | ŀ   |       | 134        | +        | +         | +         | +       | ╁  | $\vdash$ | $\dashv$ | _        |
| <u> </u>   | 35       | $\vdash$     |   | -            | $\vdash$     | ╁        | +-           | ╁        | ╬            | +-      | -        |          | 85       | $\vdash$   | $\dashv$           | +        | $\dashv$     | +         | +        | +        | -     | H   |       | 135        | $\dashv$ | +         | +         | +       | +  | $\vdash$ | ᅱ        | $\dashv$ |
| <u> </u>   | 36       | $\vdash$     |   | <del> </del> | $\vdash$     | ╁        | +            | ╁╴       | ╁            | +       | -        | -        | 86       | $\vdash$   | +                  | +        | +            | +         | +        | +        | -     | H   |       | 136        | $\dashv$ | +         | +         | +-      | +  | $\vdash$ | $\dashv$ | -        |
|            | 37       | $\vdash$     | _ | -            | $\vdash$     | +        | +-           | +        | +            | +       |          | _        | 87       |  | +                  |          | +-           | $\forall$ | $\dashv$ | +        | -     | H   |       | 137        | $\dashv$ | +         | +         | +-      | +  | Н        | $\dashv$ | _        |
| -          | 38       |              |   |              | -            | T        | +            | +        | $\dagger$    | $\top$  | 1        |          | 88       |  | $\dashv$           | +        | $\top$       | +         | $\vdash$ | +        | ١     | ۲   |       | 138        | $\dashv$ | $\dagger$ | +         | T       | T  | П        | $\neg$   | $\neg$   |
|            | 39       | T            |   |              |              | t        | 1            | T        | $\dagger$    | $\top$  | 1        |          | 89       | П  | $\neg$             | _        | +            | $\top$    | _        | $\top$   | 7     | 1   |       | 139        |          | 1         | $\top$    | 1       | $\vdash$   | П        |          |          |
|            | 40       | $\vdash$     |   |              |              | T        | ╁            | $\top$   | $\top$       | 十       | 1        |          | 90       | $\Box$   | $\dashv$           | $\top$   | $\top$       | $\sqcap$  | $\neg$   | $\top$   | 7::   | ۲   |       | 140        | $\dashv$ | $\top$    | 1         | $\top$  | 1  | П        |          |          |
|            | 41       |              |   |              | Г            | T        | 1            | $\top$   | $\top$       | 7       | 7        |          | 91       | П  | $\exists$          | $\top$   | $\top$       | $\Box$    | $\neg$   | $\top$   | 7     | -   |       | 141        | $\neg$   | 丁         | 1         | Τ       | 1  | П        |          |          |
|            | 42       |              |   |              |              |          | $\Gamma$     |          | Ţ            |         | ]        |          | 92       |  | $\Box$             |          | $oxed{oxed}$ |           |          |          |       | Γ   |       | 142        |          |           |           | $\perp$ |  | •        |          |          |
|            | 43       |              |   |              |              |          | $oxed{\Box}$ | Γ        | Ι            |         | ]        |          | 93       |  |                    |          |              |           |          |          |       |     |       | 143        |          |           |           | $\perp$ |  |          |          |          |
|            | 44       |              |   |              |              |          |              |          |              |         |          |          | 94       |  |                    |          |              |           |          |          |       |     |       | 144        |          |           |           |         |  |          |          |          |
|            | 45       |              |   |              |              |          |              |          |              |         |          |          | 95       |  |                    | 18       | 13           |           |          |          |       |     |       | 145        | H Ayl    |           |           |         |  |          |          |          |
|            | 46       | _            |   |              |              | _        |              |          | $\perp$      |         |          |          | 96       | Ш  |                    | _        |              | Ш         |          |          | _     |     |       | 146        | $\bot$   | $\perp$   | $\perp$   | L       |  |          |          |          |
|            | 47       | _            |   | _            | L            |          | 1            | $\perp$  | $\perp$      | $\perp$ | _        |          | 97       | Ш  | $\perp$            |          | $\perp$      | Ш         |          | $\perp$  | 4     | L   |       | 147        | $\perp$  | $\perp$   | $\perp$   |         | _  | $\sqcup$ |          |          |
| L.         | 48       | <u> </u>     |   | <u> </u>     | _            | L        | ╀            | _        | $\downarrow$ | $\bot$  | 4        |          | 98       | Ш  | _                  | $\bot$   |              | Ш         | $\sqcup$ | $\perp$  | 4     |     |       | 148        | $\dashv$ | $\bot$    | $\bot$    | $\bot$  | -  | $\vdash$ | _        |          |
|            | 49       | _            | _ | _            | $\vdash$     | ┺        | 1            | $\perp$  | +            | $\bot$  | -        | <u> </u> | 99       | Н  | 4                  | 4        | +-           | $\vdash$  | $\vdash$ | +        | -     | : - |       | 149        | $\dashv$ | +         | +         | +       | <b>├</b>   | $\vdash$ | $\dashv$ |          |
| L          | 50       |              |   |              |              | 丄        |              |          | 丄            | $\perp$ | ا∷نال    |          | 100      | Ш  | $oldsymbol{\perp}$ | ┸        |              |           | Ш        | 止        | _]::  | ٠:L |       | 150        | 丄        |           |           | $\perp$ | L  |          |          |          |